

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims:

Listing of Claims:

1-2. (Canceled)

3. (Currently amended) An image pickup device according to claim 2 18, further comprising a recording section that stores the single moving picture file created by the moving picture file creation section, correlated with voice data obtained through the voice recording processing executed by the voice recording section.

4-14. (Canceled)

15. (Currently amended) An image pickup device according to claim ~~1~~ 18, further comprising a resumption instruction section that instructs to resume the moving picture pickup processing by the imaging section, wherein the interrupt processing section executes a processing to resume the moving picture pickup processing by the imaging section, when the resumption instruction section instructs to resume the moving picture pickup processing by the imaging section after the still picture pickup processing is completed.

16. (Canceled)

17. (Currently amended) An image pickup device according to claim 2 18, further comprising a recording section that records the single moving picture file created by the moving picture file creation section.

18. (Currently amended) An image pickup device ~~according to claim 2, further~~ comprising:

an imaging section that executes a moving picture pickup processing and a still picture pickup processing;

a voice recording section that executes a voice recording processing in parallel with the moving picture pickup processing;

and an interrupt processing section that sequentially executes, during the moving picture pickup processing by the imaging section, a processing to suspend

the moving picture pickup processing by the imaging section, a processing to pickup a still picture by the imaging section, and a processing to resume the moving picture pickup processing by the imaging section,

wherein the interrupt processing section continually executes the voice recording processing executed by the voice recording section in parallel with the moving picture pickup processing before the moving picture pickup processing is suspended, until the moving picture pickup processing is resumed, the image pickup device further comprising:

a moving picture file creation section that creates a single moving picture file that includes moving picture frames obtained through the moving picture pickup processing executed before the still picture pickup processing by the imaging section, and moving picture frames obtained through the moving picture pickup processing resumed after the still picture pickup processing; and

a substitute frame creation section that creates substitute frames substituting for moving picture frames missing due to suspension of the moving picture pickup processing, wherein the moving picture file creating section creates a moving picture file including the substitute frames created by the substitute frame creation section.

19. (Original) An image pickup device according to claim 18, wherein the substitute frame creation section creates the substitute frames using moving picture frames obtained through the moving picture pickup processing executed immediately before the moving picture pickup processing is suspended.

20. (Canceled)

21. (Currently amended) An image pickup device according to claim 18, further comprising a synchronizing control section that synchronizes a start timing to resume the moving picture pickup processing by the imaging section with a moving picture frame pickup cycle of the moving picture pickup processing conducted before the moving picture pickup processing is suspended.

22. (Currently amended) An image pickup device according to claim ~~1~~ 18, further comprising a timer section that measures the time elapsed since the processing to suspend the moving picture pickup processing is executed by the interrupt processing section, a judging section that judges as to whether or not the time measured by the timer section has reached a predetermined time before the processing to resume the moving picture pickup processing by the interrupt processing section is executed, and a predetermined processing execution section that executes a predetermined processing when the judging section determines that the predetermined time has been reached.

23. (Original) An image pickup device according to claim 22, further comprising an image pickup instruction section that instructs to pickup a still picture, wherein the predetermined processing execution section executes a notice processing to urge an instruction to pickup a still picture by the image pickup instruction section.

24. (Original) An image pickup device according to claim 22, wherein the predetermined processing execution section causes the interrupt processing section to forcefully execute the processing to resume the moving picture pickup processing by the interrupt processing section.

25. (Currently amended) An image pickup device according to claim ~~1~~ 18, wherein the interrupt processing section executes the still picture pickup processing a plurality of times during a period starting when the processing to suspend the moving picture pickup processing is executed until the processing to resume the moving picture pickup processing is executed.

26. (Original) An image pickup device according to claim 25, wherein the interrupt processing section limits the maximum execution number of the still picture pickup processing that is executed during a period starting when the processing to suspend the moving picture pickup processing is executed until the processing to resume the moving picture pickup processing is executed.

27. (Original) An image pickup device according to claim 26, wherein the interrupt processing section includes a section that forcefully executes the processing to resume the moving picture pickup processing, when the number of execution of the still picture pickup processings has reached the maximum execution number.

28. (Original) An image pickup device according to claim 25, further comprising an image pickup instruction section that instructs to pickup a still picture, wherein, when the image pickup instruction section repeatedly instructs to pickup still pictures, the interrupt processing section repeatedly executes the still picture pickup processing during a period starting when the processing to suspend the moving picture pickup processing is executed until the processing to resume the moving picture pickup processing is executed.

29. (Currently amended) An image pickup device according to claim 18, further comprising:

~~an imaging section that executes a moving picture pickup processing and a still picture pickup processing;~~

~~an interrupt processing section that sequentially executes, during the moving picture pickup processing by the imaging section, a processing to suspend the moving picture pickup processing by the imaging section, a processing to pickup a still picture by the imaging section, and a processing to resume the moving picture pickup processing by the imaging section; and~~

a synchronization control section that synchronizes a start timing for resuming the moving picture pickup processing by the imaging section with a moving picture frame pickup cycle of the moving picture pickup processing taking place before the moving picture pickup processing is suspended.

30. (Currently amended) An image pickup device according to claim 18, further comprising:

~~an imaging section that executes a moving picture pickup processing and a still picture pickup processing;~~

~~an interrupt processing section that sequentially executes, during the moving picture pickup processing by the imaging section, a processing to suspend the moving picture pickup processing by the imaging section, a processing to pickup a still picture by the imaging section, and a processing to resume the moving picture pickup processing by the imaging section;~~

a timer section that measures a time elapsed since the execution of the processing to suspend the moving picture pickup processing by the interrupt processing section;

a judging section that determines whether the elapsed time measured by the timer section has reached a predetermined length of time before the processing to resume the moving picture pickup processing is executed by the interrupt processing section; and

a predetermined processing execution section that executes a predetermined processing if the ~~determination~~ judging section determines that the predetermined length of time has been reached.

31. (Currently amended) An imaging device according to claim 18 ~~comprising:~~

~~an imaging section that executes a moving picture pickup processing and a still picture pickup processing; and~~

~~an interrupt processing section that sequentially executes, during the moving picture pickup processing by the imaging section, a processing to suspend the moving picture pickup processing by the imaging section, a processing to pickup a still picture by the imaging section, and a processing to resume the moving picture pickup processing by the imaging section, wherein the interrupt processing section executes the still picture pickup processing a plurality of times during a period between the time the processing to suspend the moving picture pickup processing is executed and the time the processing to resume the moving picture pickup processing is executed.~~

32-39. (Canceled)

40. (New) An image pickup device according to claim 18, wherein the substitute frame creation section creates the substitute frames using moving picture frames obtained in the moving picture pickup processing executed immediately after the moving picture pickup processing has been resumed.

41. (New) An image pickup device according to claim 18, wherein the substitute frame creation section combines a plurality of moving picture frames obtained in the moving picture pickup processing to create the substitute frames.

42. (New) An image pickup device according to claim 41, wherein
the substitute frame creation section combines a plurality of moving picture frames obtained in the moving picture pickup processing at a predetermined rate to create the substitute frames, and

the moving picture file creation section creates a moving picture file such that moving picture frames substituting for missing moving picture frames change in a stepwise fashion.

43. (New) An imaging method for an image pickup device with a function of picking-up still images during a moving picture pickup operation, the imaging method comprising:

a step of executing a moving picture pickup processing;

a step of executing a voice recording processing in parallel with the moving picture pickup processing;

a step of sequentially executing, during the moving picture pickup processing, a processing of suspending the moving picture pickup processing, a still picture pickup processing, and a processing of resuming the moving picture pickup processing;

a step of keeping execution of the voice recording processing which is executed in parallel with the moving picture pickup processing before the moving picture pickup processing is suspended, until the moving picture pickup processing is resumed;

a step of creating substitute frames substituting for moving picture frames missing due to suspension of the moving picture pickup processing; and

a step of creating a moving picture file including the moving picture frames obtained in the step of executing a moving picture pickup processing which is executed before a still image pickup processing, the substitute frames created in the step of creating substitute frames, and the moving frames obtained in the step of executing a moving picture pickup processing which is resumed after the still image pickup processing.

44. (New) A computer program product stored on a computer readable medium for controlling operation of a computer, the computer readable medium mounted on an image pickup device with a function of picking-up still images during a moving picture pickup operation, the computer program product for making the computer implement an imaging method, wherein the method comprises:

a step of executing a moving picture pickup processing;

a step of executing a voice recording processing in parallel with the moving picture pickup processing;

a step of sequentially executing, during the moving picture pickup processing, a processing of suspending the moving picture pickup processing, a still picture pickup processing, and a processing of resuming the moving picture pickup processing;

a step of keeping execution of the voice recording processing which is executed in parallel with the moving picture pickup processing before the moving picture pickup processing is suspended, until the moving picture pickup processing is resumed;

a step of creating substitute frames substituting for moving picture frames missing due to suspension of the moving picture pickup processing; and

a step of creating a moving picture file including the moving picture frames obtained in the step of executing a moving picture pickup processing which is

executed before a still image pickup processing, the substitute frames created in the step of creating substitute frames, and the moving frames obtained in the step of executing a moving picture pickup processing which is resumed after the still image pickup processing.